



Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed	per of sons Injured	Estin Dar Property	nated nage Crops	Character of Storm	June 1997
SOUTH DAKOTA, V	<u>West</u>									
Pennington County 1 W Rapid City	01	1410MST			0	0			Hail (0.75)	
Pennington County Rapid City	01	1430MST			0	0			Hail (0.75)	
Bennett County 20 W Martin to 20 E Martin	01	1700MST 1900MST			0	0			Flash Flood	
Mellette County 15 N Cedar Butte	01	1700MST 2100MST			0	0			Flash Flood	
Mellette County 15 N Cedar Butte	01	1700MST			0	0			Hail (2.00)	
Mellette County White River	01	1712MST 1715MST			0	0			Hail (0.75)	
Mellette County White River	01	1725MST 1730MST			0	0			Hail (0.75)	
Bennett County Martin	01	1758MST 1835MST			0	0			Hail (1.00)	
Shannon County Pine Ridge	01	1800MST 2000MST			0	0			Flash Flood	
Shannon County Pine Ridge	01	1800MST			0	0			Hail (1.00)	
Mellette County 15 N Cedar Butte	01	1830MST			0	0			Thunderstorm W	ind (G52)
Mellette County 15 N Cedar Butte	01	1900MST			0	0		25K	Hail (3.00)	
Bennett County Martin	01	1902MST 1905MST			0	0			Thunderstorm W	ind (G56)
	Durin	g the late afternoo	on and early e	vening hours	a significa	ant flash fl	lood occurre	ed from so	uthwest to south-centr	al South Dakota

During the late afternoon and early evening hours, a significant flash flood occurred from southwest to south-central South Dakota. Large hail, gusty winds and flooding rains were a result of these thunderstorms. In Bennett county, 5 miles west of Martin, two cars were washed off Highway 18 by rushing water over the road. No injuries were reported in either case. Highway 18 had numerous places where water covered the road in Bennett county. In southwest Mellette county, numerous secondary roads were washed out and many places were under water, and three inch hail caused extensive damage to one rancher's home and crops.

Pennington County 7 SW Rapid City to 4 SW Rapid City	02	1500MST 1600MST	0	0	286K	Flash Flood
Pennington County Rapid City	02	1500MST 1600MST	0	0	147K	Urban/Sml Stream Fld
Pennington County 6 W Rapid City	02	1530MST	0	0		Hail (0.75)
Pennington County 8 SW Rapid City	02	1540MST	0	0		Hail (1.00)

During the late afternoon and early evening a localized but rather intense flash-flood occurred in the Rapid Creek drainage basin. A thunderstorm produced rainfall amounts of 2 to 3 inches in less than an hour from Deerfield to Rapid City. More localized amounts





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	LOCal/				SOIIS	Dai	nage		
Location Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	

SOUTH DAKOTA, West

of four and a half inches in a half hour period were reported in the Chapel Valley area, where extensive damage was also reported. In Cleghorn Canyon, appropriately 7 miles southwest of Rapid City, the water was six to eight feet deep, washing out a couple of driveways and tearing out a couple of bridges. In Red Rock Canyon, approximately 4 miles southwest of Rapid City, the water was eight to ten feet deep and washed out some driveways, bridges, and culverts. A shed from the Chapel Valley area was also washed down stream. In the Rapid City area, some local roads were covered with six inches to over one foot of water, and a local golf course reported some minor flooding.

Bennett County					
12 W Martin to Allen	02 03	2122MST 0400MST	0	0	Flash Flood
Jackson County					
15 NW Longvalley to 8 NW Longvalley	02 03	2122MST 0030MST	0	0	Flash Flood
Shannon County					
5 W Oglala	02 03	2122MST 0400MST	0	0	Flash Flood

Heavy rain fell over south central South Dakota during the late evening hours causing already swollen rivers and streams to come out of their banks. Minor flooding was reported on U.S. Highway 18 in Bennett and Shannon counties, and over county road 2 and Highway 44 in Jackson county.

Perkins County 10 NW Usta to 5 SE Usta	11	1000MST 1600MST	0	0	24.7K	Flash Flood
Ziebach County 30 NW Dupree to 10 NE Dupree	11	1000MST 1600MST	0	0		Flash Flood

Excessive rain of four to eight inches fell during the overnight and early morning hours over southeast Perkins and northern Ziebach counties; as a result, numerous creeks and the Moreau river overflowed their banks. Sections of Highway 73 and other secondary roads had be closed temporarily due to water flowing over them. Two culverts northwest and west of Usta and three bridges over Deer Creek were washed out.

Shannon County 2 W Oglala	11	1150MST			0	0	Hail (1.75)
Shannon County 3 SE Oglala	11	1205MST			0	0	Hail (0.75)
Mellette County White River	11	1225MST	0.1	1	0	0	Tornado (F0)
Mellette County White River	11	1325MST			0	0	Hail (1.75)

A cluster of thunderstorms over southwest and south-central South Dakota produced hail up to golfball size in diameter and a brief tornado. No injuries or damage were reported by the hail or the tornado.

Meade County					
Opal to 5 NE Opal	11	1750MST 2300MST	0	0	Flash Flood
Ziebach County					
Red Scaffold to 5 NE Red Scaffold	11	1750MST 2300MST	0	0	Flash Flood

Heavy rain during the late afternoon and evening hours across northeast Meade and southwest Ziebach counties produced flash flooding along Brushy, Beaver, and Cherry creeks and the Cheyenne river. The emergency manager from Meade county reported some county roads had been washed out and that water was up to six feet deep in some locations in northeast sections of the county.





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SOUTH DAKOTA, W	<u>'est</u>							
Meade County 10 SE Sturgis	14	1250MST			0	0		Hail (0.75)
Meade County Sturgis	14	1350MST			0	0		Hail (0.75)
Meade County 10 SE Sturgis	14	1520MST 1600MST			0	0		Funnel Cloud
Pennington County 15 E Rapid City	14	1600MST 1625MST			0	0		Funnel Cloud
Meade County 10 E Piedmont	14	1630MST			0	0		Hail (4.00)
Meade County 10 E Piedmont	14	1630MST			0	0		Hail (0.75)
Meade County Ellsworth Afb	_	1645MST ge severe thunderst				0 ed east ac	ross southern Meade	Hail (1.00) county. The storm produced hail up to
Lawrence County St Onge	14	1645MST			0	0		Hail (1.00)
Fall River County 5 N Hot Spgs	15 A thur	1236MST aderstorm produce	0.1 ed a brief torns	1 ado near Arg	0 gyle Road. N	0 No injuries	or damage were repo	Tornado (F0) rted
Harding County 15 N Buffalo	18	2035MST			0	0		Thunderstorm Wind (G52)
Butte County Hoover	_	2120MST g thunderstorms do to 60 mph, but no		-	0 evening hou	0 ars over no	orthwest South Dakot	Thunderstorm Wind (G52) a. These storms produced strong wind
Shannon County 10 W Pine Ridge	19	1445MST			0	0		Hail (0.75)
Shannon County Pine Ridge	19 A seve	1455MST ere thunderstorm p	produced golf	ball size hail	0 , damaging	0 numerous	cars, over southern Sl	Hail (1.75) nannon County.
Meade County Elm Spgs	19	2310MST			0	0	1K	Hail (1.00)
Meade County 10 ENE Elm Spgs	19	2315MST			0	0		Hail (2.00)
Meade County 2 E Elm Spgs	19	2315MST			0	0	0.50K	Hail (1.00)
Meade County 10 ENE Elm Spgs	19	2315MST			0	0	25K	Thunderstorm Wind (G52)
Pennington County 5 N Creighton	19	2330MST			0	0	0.50K	Hail (1.50)
Pennington County 2 E Creighton	19	2330MST 2340MST			0	0	25K	Hail (2.00)





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SOUTH DAKOTA, V	<u>Vest</u>							
Haakon County Philip	20	0015MST			0	0		Thunderstorm Wind (G65)
Haakon County								
25 E Philip	thund		sed considera	ble damage	to crops an	nd broke so	everal windows	Hail (1.00) If June 19th and 20th. Large hail and strong in the Elm Springs and Creighton areas. In entire crop.
Shannon County 8 W Pine Ridge	20	0245MST			0	0		Hail (2.75)
Butte County 1 E Nisland	21	1205MST			0	0		Funnel Cloud
Butte County 1 E Nisland	21	1208MST			0	0		Hail (0.75)
Meade County 7 NE Hereford	21	1335MST	0.1	1	0	0		Tornado (F0)
Meade County 3 SE Elm Spgs	21	1440MST			0	0		Hail (0.75)
Haakon County Philip	21	1615MST			0	0		Hail (1.75)
Jackson County 8 NW Kadoka	21	1650MST			0	0		Hail (1.00)
Jackson County	21	1505) FOTO						w a a
2 E Kadoka	cloud		thern Butte C	ounty. The				Hail (1.00) the evening. The storm produced a funnel rnado over west-central Meade County in an
Haakon County Philip	22	1905MST			0	0		Funnel Cloud
Haakon County								
Philip		1905MST were thunderstorm b. No damage was			0 unty produ	0 ced three	funnel clouds a	Thunderstorm Wind (G52) and a wind gust to 60 mph near the town of
Perkins County 6 E Bison	23	2340MST 2350MST			0	0	5K	Thunderstorm Wind (G74)
Perkins County Meadow	23	2345MST 2355MST			0	0		Hail (0.75)
Perkins County		255514151						
Meadow	23 Crops	2345MST 2355MST were destroyed fr	om wind drive	en hail	0	0	5K 2	Thunderstorm Wind (G74)
Doubing Ct	Crops	, were destroyed if	om wind dilve	on man.				
Perkins County 1 N Meadow	23 24	2350MST 0005MST			0	0	5K	Thunderstorm Wind (G74)
Perkins County 1 N Meadow	23 24	2350MST 0005MST			0	0	2	25K Thunderstorm Wind (G75)

Crops were destroyed from wind driven hail.





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SOUTH DAKOTA,	<u>West</u>							
Perkins County 3 N Meadow	23	2352MST			0	0		Hail (1.75)
Perkins County								
6 N Meadow	24	0000MST 0005MST			0	0		Thunderstorm Wind (G50)
	was b	lown off a buildir	ng, numerous	power poles	were downe	d, trees were	e stripped of big bra	ota during the overnight hours. A roo inches and many area farmers lost their satellite images days after the event.
Pennington County	20	2225MST			0	0		H-il (0.75)
Rapid City Pennington County	28	2325MST			0	0		Hail (0.75)
7 S Wall	29	0020MST			0	0		Thunderstorm Wind (G63)
	two in		uthwest Rapic	d City. The	same storm	ı later produ	aced a 72 mph win	three-quarter inch hail that piled up to d gust at the Badlands National Parl
Pennington County 15 W Rapid City	29	1436MST			0	0		Hail (2.00)
Pennington County 10 W Rapid City	29	1445MST			0	0		Hail (2.00)
Pennington County Hisega	29	1502MST			0	0		Hail (1.50)
Pennington County 5 SW Keystone	29	1506MST			0	0		Hail (0.75)
Custer County 15 E Custer	29	1534MST			0	0		Hail (1.75)
13 E Custer	A stro	ong thunderstorm			noon hours	and produce		ill in some locations. The storm moved or damage were reported.
Perkins County 8 WNW Usta	30	0250MST			0	0		Hail (0.75)
o waw esa	A sev which	ere thunderstorm	y branches be	ing broken o	st South Dal	kota during		s and produced hail and strong windingh that vehicles had difficulty getting
Mellette County Wood	30	1520MST			0	0		Hail (0.75)
Todd County 20 SW Mission	30	1605MST			0	0		Hail (1.00)
Lawrence County Deadwood	30	2225MST			0	0		Hail (0.75)
Meade County Sturgis	30	2240MST 2245MST			0	0		Hail (2.50)





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WYOMING, Northeas	<u>st</u>							
Crook County 4 S Sundance	11	1040MST	0.1	1	0	0		Tornado (F0)
Campbell County 13 SE Gillette	14	1600MST			0	0		Hail (0.75)
Campbell County Recluse	23	1950MST			0	0		Hail (1.75)
Crook County 4 W New Haven	23	2040MST			0	0		Hail (1.00)
Crook County New Haven	23	2045MST			0	0		Hail (1.00)
		e thunderstorms d ge was reported fr		northeast W	yoming du	iring the la	ate evening hours ar	nd produced up to golfball size hail. No
Campbell County Gillette	27 A thur	1925MST nderstorm with lit	le rain resulted	d in strong s	0 traight line	0 winds ove	5K or Gillette and ripped	Thunderstorm Wind (G53) a roof off a mobile home
Crook County 10 NE Moorcroft	28	1720MST			0	0		Hail (1.00)
Crook County 6 N Sundance	28	1725MST			0	0		Hail (0.75)
Campbell County 20 N Gillette	29 30	0300MST 1200MST			0	0		Wild/Forest Fire

An electrical storm during the early morning hours resulted in a wild fire that burned 20 to 30 acres of timber north of Gillette. No injuries were reported with the fire and no buildings were damaged.